

Title (en)
COATING PROCESS AND COATED PRODUCT

Title (de)
BESCHICHTUNGSVERFAHREN UND BESCHICHTETES PRODUKT

Title (fr)
PROCÉDÉ DE REVÊTEMENT ET PRODUIT AINSI REVÊTU

Publication
EP 2040815 A2 20090401 (EN)

Application
EP 07766250 A 20070716

Priority

- GB 2007002679 W 20070716
- GB 0614081 A 20060717
- GB 0614475 A 20060721

Abstract (en)
[origin: WO2008009911A2] A process modifies the surface diffusion and wetting characteristics of a microporous material such as active carbon or silica, by applying a plasma of polymer precursor monomers to an external surface of the material to modify its adsorption properties, the microporous material obtainable thereby being modified by presence of a nanolayer of polymeric material extending over said external surface around the pores to partially occlude pore openings to a predetermined extent, but the nanolayer does not substantially infiltrate the pores of the microporous material.

IPC 8 full level
B01D 39/20 (2006.01)

CPC (source: EP US)
B01D 39/2055 (2013.01 - EP US); **B01D 39/2065** (2013.01 - EP US); **C09C 1/3063** (2013.01 - EP US); **C09C 1/56** (2013.01 - EP US); **B01D 2239/0407** (2013.01 - EP US); **B01D 2239/0421** (2013.01 - EP US); **B01D 2239/0428** (2013.01 - EP US); **B01D 2239/0478** (2013.01 - EP US); **B01D 2239/0613** (2013.01 - EP US); **B01D 2239/0618** (2013.01 - EP US); **B01D 2239/0654** (2013.01 - EP US); **B01D 2239/1291** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2008009911A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
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DOCDB simple family (publication)
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